

## Belke, Jim

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**From:** Weeks, Victor  
**Sent:** Thursday, May 14, 2015 1:41 PM  
**To:** Belke, Jim; Mason, Steve; Gaffey, Jim  
**Cc:** Bezerra, Joana; Hans, Mick  
**Subject:** RE: Emergency response coordination & exercise cost discussion

So using the estimated planning periods previously referenced below (1 month, 3 months, 6 months), assuming document prep LOE is proportional to the planning period (with an assumed Table Top document prep baseline of 24 hours), and assuming that a facility representative uses 1 hour (on average) of each working day on exercise planning:

### Facility Representative LOE Only

1 Month Table Top Planning LOE = 21 hours plus 24 hours for document prep = 45 hours

3 Month Functional Exercise Planning LOE = 3 X Table Top LOE = 63 (3x21) hours plus 72 (3x24) hours for document prep = 135 hours

6 Month Full-scale Exercise Planning LOE = 2 X Functional Exercise LOE = 126 (2x63) hours plus 144 (2x72) hours for document prep = 270 hours

If you also wanted to factor in a minimum of four (4) second party participating representative's LOE (e.g., LEPC, EMA, Fire Department & Hospital representatives), it would be reasonable to assume ½ of the facility representative planning LOE for each participating party, thus:

### All Participating Representative's LOE

1 Month Table Top Planning LOE = 21 hours plus 42 (4x½x21) hours plus 24 hours for document prep = 87 hours

3 Month Functional Exercise Planning LOE = 63 hours plus 126 (4x½x63) plus 72 hours for document prep = 261 hours

6 Month Full-scale Exercise Planning LOE = 126 hours plus 252 (4x½x126) plus 144 hours for document prep = 522 hours

Victor L. Weeks

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**From:** Weeks, Victor  
**Sent:** Thursday, May 14, 2015 12:09 PM  
**To:** Belke, Jim; Mason, Steve; Gaffey, Jim  
**Subject:** RE: Emergency response coordination & exercise cost discussion

I don't know the original source for these bullets, but in terms of the suggested planning period requirements, I think they look reasonable to me according to exercise type:

- **Tabletop Exercises:** Identify roles/responsibilities in different scenarios (*lasts one to four hours, takes one or more months to plan*)
- **Functional Exercises:** Roundtable simulation of emergency situation with realistic timeline (*lasts three to eight hours, takes three months to plan*)
- **Full-scale Exercises:** Multiagency, on-site simulation of an emergency situation; all resources deployed (*lasts multiple days, takes six or more months to plan*)

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**From:** Belke, Jim  
**Sent:** Wednesday, May 13, 2015 3:54 PM  
**To:** Mason, Steve; Gaffey, Jim; Weeks, Victor  
**Subject:** Emergency response coordination & exercise cost discussion

Would you three be available next Monday for a 1 hour call with the RMP reg development team so that we can pick your brains a bit on how to estimate emergency coordination and exercise/drill costs? We appreciate the information you've all provided so far, but we keep thinking of additional questions, so we were hoping to have a call with you.

Are you available on Monday (5/18)?

Thanks,

Jim Belke